David S Park

List of Publications by Year in Descending Order

151 papers	14,962 citations	69 h-index	121 g-index
155 ext. papers	16,385 ext. citations	7.4 avg, IF	5.91 L-index

#	Paper	IF	Citations
151	Cdk5-mediated JIP1 phosphorylation regulates axonal outgrowth through Notch1 inhibition.. *BMC Biology*, **2022**, 20, 115	7.3	0
150	Age-associated insolubility of parkin in human midbrain is linked to redox balance and sequestration of reactive dopamine metabolites. *Acta Neuropathologica*, **2021**, 141, 725-754	14.3	5
149	Neuronal cell-based high-throughput screen for enhancers of mitochondrial function reveals luteolin as a modulator of mitochondria-endoplasmic reticulum coupling. *BMC Biology*, **2021**, 19, 57	7.3	8
148	High Levels of Serum IgG for and CD44 Expression Predict Worse Prognosis for Cholangiocarcinoma Patients after Curative Resection. *International Journal of General Medicine*, **2021**, 14, 2191-2204	2.3	0
147	MCL-1 maintains neuronal survival by enhancing mitochondrial integrity and bioenergetic capacity under stress conditions. *Cell Death and Disease*, **2020**, 11, 321	9.8	11
146	A functionalized hydroxydopamine quinone links thiol modification to neuronal cell death. *Redox Biology*, **2020**, 28, 101377	11.3	10
145	DJ-1 (Park7) affects the gut microbiome, metabolites and the development of innate lymphoid cells (ILCs). *Scientific Reports*, **2020**, 10, 16131	4.9	3
144	alleles modulate inflammation during microbial infection of mice in a sex-dependent manner. *Science Translational Medicine*, **2019**, 11,	17.5	34
143	The pro-death role of Cited2 in stroke is regulated by E2F1/4 transcription factors. *Journal of Biological Chemistry*, **2019**, 294, 8617-8629	5.4	5
142	Systems biology identifies preserved integrity but impaired metabolism of mitochondria due to a glycolytic defect in Alzheimer's disease neurons. *Aging Cell*, **2019**, 18, e12924	9.9	28
141	Pink1 regulates FKBP5 interaction with AKT/PHLPP and protects neurons from neurotoxin stress induced by MPP. *Journal of Neurochemistry*, **2019**, 150, 312-329	6	22
140	DJ-1 modulates the unfolded protein response and cell death via upregulation of ATF4 following ER stress. *Cell Death and Disease*, **2019**, 10, 135	9.8	17
139	Comparative analysis of Parkinson's disease-associated genes in mice reveals altered survival and bioenergetics of Parkin-deficient dopamine neurons. *Journal of Biological Chemistry*, **2018**, 293, 9580-9593	5.4	23
138	Guidelines on experimental methods to assess mitochondrial dysfunction in cellular models of neurodegenerative diseases. *Cell Death and Differentiation*, **2018**, 25, 542-572	12.7	64
137	Regulation of myeloid cell phagocytosis by LRRK2 via WAVE2 complex stabilization is altered in Parkinson's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E5164-E5173	11.5	61
136	Mitochondrial dysfunction underlies cognitive defects as a result of neural stem cell depletion and impaired neurogenesis. *Human Molecular Genetics*, **2017**, 26, 3327-3341	5.6	63
135	Cdc25A Is a Critical Mediator of Ischemic Neuronal Death and. *Journal of Neuroscience*, **2017**, 37, 6729-6740	6.0	6

134	□-Adrenoreceptor is a regulator of the □ynuclein gene driving risk of Parkinson's disease. *Science* , **2017**, 357, 891-898	33.3	238
133	PINK1-mediated phosphorylation of LETM1 regulates mitochondrial calcium transport and protects neurons against mitochondrial stress. *Nature Communications*, **2017**, 8, 1399	17.4	56
132	LRRK2(I2020T) functional genetic interactors that modify eye degeneration and dopaminergic cell loss in Drosophila. *Human Molecular Genetics*, **2017**, 26, 1247-1257	5.6	11
131	RB regulates the production and the survival of newborn neurons in the embryonic and adult dentate gyrus. *Hippocampus*, **2016**, 26, 1379-1392	3.5	11
130	Mitochondrial Dynamics Impacts Stem Cell Identity and Fate Decisions by Regulating a Nuclear Transcriptional Program. *Cell Stem Cell*, **2016**, 19, 232-247	18	296
129	Induction of protein deletion through in utero electroporation to define deficits in neuronal migration in transgenic models. *Journal of Visualized Experiments*, **2015**, 51983	1.6	2
128	CDK5 phosphorylates DRP1 and drives mitochondrial defects in NMDA-induced neuronal death. *Human Molecular Genetics*, **2015**, 24, 4573-83	5.6	50
127	BAG2 Gene-mediated Regulation of PINK1 Protein Is Critical for Mitochondrial Translocation of PARKIN and Neuronal Survival. *Journal of Biological Chemistry*, **2015**, 290, 30441-52	5.4	39
126	Pathological axonal death through a MAPK cascade that triggers a local energy deficit. *Cell*, **2015**, 160, 161-76	56.2	190
125	OPA1-dependent cristae modulation is essential for cellular adaptation to metabolic demand. *EMBO Journal*, **2014**, 33, 2676-91	13	224
124	Regulation of ischemic neuronal death by E2F4-p130 protein complexes. *Journal of Biological Chemistry*, **2014**, 289, 18202-13	5.4	20
123	DJ-1 interacts with and regulates paraoxonase-2, an enzyme critical for neuronal survival in response to oxidative stress. *PLoS ONE*, **2014**, 9, e106601	3.7	28
122	Regulation of the VHL/HIF-1 pathway by DJ-1. *Journal of Neuroscience*, **2014**, 34, 8043-50	6.6	26
121	Acidosis overrides oxygen deprivation to maintain mitochondrial function and cell survival. *Nature Communications*, **2014**, 5, 3550	17.4	103
120	Unaltered striatal dopamine release levels in young Parkin knockout, Pink1 knockout, DJ-1 knockout and LRRK2 R1441G transgenic mice. *PLoS ONE*, **2014**, 9, e94826	3.7	17
119	Perturbation of transcription factor Nur77 expression mediated by myocyte enhancer factor 2D (MEF2D) regulates dopaminergic neuron loss in response to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP). *Journal of Biological Chemistry*, **2013**, 288, 14362-14371	5.4	23
118	Opposing regulation of Sox2 by cell-cycle effectors E2f3a and E2f3b in neural stem cells. *Cell Stem Cell*, **2013**, 12, 440-52	18	56
117	Pocket proteins pRb and p107 are required for cortical lamination independent of apoptosis. *Developmental Biology*, **2013**, 384, 101-13	3.1	7

116	Conditional disruption of calpain in the CNS alters dendrite morphology, impairs LTP, and promotes neuronal survival following injury. *Journal of Neuroscience*, **2013**, 33, 5773-84	6.6	77
115	LXCXE-independent chromatin remodeling by Rb/E2f mediates neuronal quiescence. *Cell Cycle*, **2013**, 12, 1416-23	4.7	13
114	LKB1-regulated adaptive mechanisms are essential for neuronal survival following mitochondrial dysfunction. *Human Molecular Genetics*, **2013**, 22, 952-62	5.6	18
113	Programmed cell death in Parkinson's disease. *Cold Spring Harbor Perspectives in Medicine*, **2012**, 2,	5.4	148
112	Inactivation of Pink1 gene in vivo sensitizes dopamine-producing neurons to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) and can be rescued by autosomal recessive Parkinson disease genes, Parkin or DJ-1. *Journal of Biological Chemistry*, **2012**, 287, 23162-70	5.4	66
111	Selective neuroprotective effects of the S18Y polymorphic variant of UCH-L1 in the dopaminergic system. *Human Molecular Genetics*, **2012**, 21, 874-89	5.6	25
110	Mitochondrial processing peptidase regulates PINK1 processing, import and Parkin recruitment. *EMBO Reports*, **2012**, 13, 378-85	6.5	445
109	ROS-dependent regulation of Parkin and DJ-1 localization during oxidative stress in neurons. *Human Molecular Genetics*, **2012**, 21, 4888-903	5.6	159
108	The Rb/E2F pathway modulates neurogenesis through direct regulation of the Dlx1/Dlx2 bigene cluster. *Journal of Neuroscience*, **2012**, 32, 8219-30	6.6	34
107	Progressive dopaminergic cell loss with unilateral-to-bilateral progression in a genetic model of Parkinson disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 15918-23	11.5	62
106	The retinoblastoma protein is essential for survival of postmitotic neurons. *Journal of Neuroscience*, **2012**, 32, 14809-14	6.6	41
105	Animal models of Parkinson's disease. *Parkinson's Disease*, **2011**, 2011, 364328	2.6	4
104	Resveratrol induces apoptosis in breast cancer cells by E2F1-mediated up-regulation of ASPP1. *Oncology Reports*, **2011**, 25, 1713-9	3.5	25
103	MCL-1 is a stress sensor that regulates autophagy in a developmentally regulated manner. *EMBO Journal*, **2011**, 30, 395-407	13	139
102	Parkinson's disease-linked LRRK2 is expressed in circulating and tissue immune cells and upregulated following recognition of microbial structures. *Journal of Neural Transmission*, **2011**, 118, 795-808	4.3	186
101	Rb/E2F regulates expression of neogenin during neuronal migration. *Molecular and Cellular Biology*, **2011**, 31, 238-47	4.8	45
100	Involvement of the Fc gamma receptor in a chronic N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine mouse model of dopaminergic loss. *Journal of Biological Chemistry*, **2011**, 286, 28783-28793	5.4	14
99	The mitochondrial inner membrane GTPase, optic atrophy 1 (Opa1), restores mitochondrial morphology and promotes neuronal survival following excitotoxicity. *Journal of Biological Chemistry*, **2011**, 286, 4772-82	5.4	91

98	Pim-1 kinase as activator of the cell cycle pathway in neuronal death induced by DNA damage. *Journal of Neurochemistry*, **2010**, 112, 497-510	6	18
97	The role of Cdk5-mediated apurinic/apyrimidinic endonuclease 1 phosphorylation in neuronal death. *Nature Cell Biology*, **2010**, 12, 563-71	23.4	88
96	Activation of FoxO by LRRK2 induces expression of proapoptotic proteins and alters survival of postmitotic dopaminergic neuron in Drosophila. *Human Molecular Genetics*, **2010**, 19, 3747-58	5.6	71
95	Loss of the Parkinson's disease-linked gene DJ-1 perturbs mitochondrial dynamics. *Human Molecular Genetics*, **2010**, 19, 3734-46	5.6	298
94	Sertad1 plays an essential role in developmental and pathological neuron death. *Journal of Neuroscience*, **2010**, 30, 3973-82	6.6	21
93	DJ-1 protects the nigrostriatal axis from the neurotoxin MPTP by modulation of the AKT pathway. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 3186-91	11.5	132
92	Neuronal apoptosis induced by endoplasmic reticulum stress is regulated by ATF4-CHOP-mediated induction of the Bcl-2 homology 3-only member PUMA. *Journal of Neuroscience*, **2010**, 30, 16938-48	6.6	236
91	Loss of PINK1 function promotes mitophagy through effects on oxidative stress and mitochondrial fission. *Journal of Biological Chemistry*, **2009**, 284, 13843-13855	5.4	726
90	Essential role of cytoplasmic cdk5 and Prx2 in multiple ischemic injury models, in vivo. *Journal of Neuroscience*, **2009**, 29, 12497-505	6.6	62
89	E2F4 is required for early eye patterning. *Developmental Neuroscience*, **2009**, 31, 238-46	2.2	4
88	Parkinson's disease: to live or die by autophagy. *Science Signaling*, **2009**, 2, pe21	8.8	15
87	The p107/E2F pathway regulates fibroblast growth factor 2 responsiveness in neural precursor cells. *Molecular and Cellular Biology*, **2009**, 29, 4701-13	4.8	15
86	Leucine-Rich Repeat Kinase 2 interacts with Parkin, DJ-1 and PINK-1 in a Drosophila melanogaster model of Parkinson's disease. *Human Molecular Genetics*, **2009**, 18, 4390-404	5.6	150
85	Amyloid-beta42 signals tau hyperphosphorylation and compromises neuronal viability by disrupting alkylacylglycerophosphocholine metabolism. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 20936-41	11.5	57
84	DJ-1/PARK7 is an important mediator of hypoxia-induced cellular responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 1111-6	11.5	166
83	Abberant alpha-synuclein confers toxicity to neurons in part through inhibition of chaperone-mediated autophagy. *PLoS ONE*, **2009**, 4, e5515	3.7	270
82	Delayed combinatorial treatment with flavopiridol and minocycline provides longer term protection for neuronal soma but not dendrites following global ischemia. *Journal of Neurochemistry*, **2008**, 105, 703-13	6	20
81	CITED2 signals through peroxisome proliferator-activated receptor-gamma to regulate death of cortical neurons after DNA damage. *Journal of Neuroscience*, **2008**, 28, 5559-69	6.6	22

80	Cytoplasmic Pink1 activity protects neurons from dopaminergic neurotoxin MPTP. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 1716-21	11.5	206
79	Required roles of Bax and JNKs in central and peripheral nervous system death of retinoblastoma-deficient mice. *Journal of Biological Chemistry*, **2008**, 283, 405-415	5.4	9
78	Mcl-1 is a key regulator of apoptosis during CNS development and after DNA damage. *Journal of Neuroscience*, **2008**, 28, 6068-78	6.6	146
77	Involvement of interferon-gamma in microglial-mediated loss of dopaminergic neurons. *Journal of Neuroscience*, **2007**, 27, 3328-37	6.6	223
76	The nuclear localization of SET mediated by impalpha3/impbeta attenuates its cytosolic toxicity in neurons. *Journal of Neurochemistry*, **2007**, 103, 408-22	6	25
75	Mitofusin 2 protects cerebellar granule neurons against injury-induced cell death. *Journal of Biological Chemistry*, **2007**, 282, 23788-98	5.4	152
74	The Parkinson's disease gene DJ-1 is also a key regulator of stroke-induced damage. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 18748-53	11.5	132
73	The Retinoblastoma family member p107 regulates the rate of progenitor commitment to a neuronal fate. *Journal of Cell Biology*, **2007**, 178, 129-39	7.3	39
72	Unique requirement for Rb/E2F3 in neuronal migration: evidence for cell cycle-independent functions. *Molecular and Cellular Biology*, **2007**, 27, 4825-43	4.8	69
71	Cell cycle regulator E2F4 is essential for the development of the ventral telencephalon. *Journal of Neuroscience*, **2007**, 27, 5926-35	6.6	24
70	Role of Cdk5-mediated phosphorylation of Prx2 in MPTP toxicity and Parkinson's disease. *Neuron*, **2007**, 55, 37-52	13.9	197
69	Cell cycle machinery and stroke. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2007**, 1772, 484-93	6.9	74
68	The Chk1/Cdc25A pathway as activators of the cell cycle in neuronal death induced by camptothecin. *Journal of Neuroscience*, **2006**, 26, 8819-28	6.6	46
67	Role of cyclooxygenase-2 induction by transcription factor Sp1 and Sp3 in neuronal oxidative and DNA damage response. *FASEB Journal*, **2006**, 20, 2375-7	0.9	49
66	Calpain-regulated p35/cdk5 plays a central role in dopaminergic neuron death through modulation of the transcription factor myocyte enhancer factor 2. *Journal of Neuroscience*, **2006**, 26, 440-7	6.6	157
65	Regulation of axotomy-induced dopaminergic neuron death and c-Jun phosphorylation by targeted inhibition of cdc42 or mixed lineage kinase. *Journal of Neurochemistry*, **2006**, 96, 489-99	6	11
64	NFkappaB in neurons? The uncertainty principle in neurobiology. *Journal of Neurochemistry*, **2006**, 97, 607-18	6	42
63	Dissociating the dual roles of apoptosis-inducing factor in maintaining mitochondrial structure and apoptosis. *EMBO Journal*, **2006**, 25, 4061-73	13	155

62	Calpain Proteolysis and the Etiology of Parkinson's Disease: An Emerging Hypothesis **2005**, 25-61		0
61	MPTP induces intranuclear rodlet formation in midbrain dopaminergic neurons. *Brain Research*, **2005**, 1066, 86-91	3.7	8
60	Apical role for BRG1 in cytokine-induced promoter assembly. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 14611-6	11.5	72
59	Multiple cyclin-dependent kinases signals are critical mediators of ischemia/hypoxic neuronal death in vitro and in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 14080-5	11.5	122
58	Hypersensitivity of DJ-1-deficient mice to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyrindine (MPTP) and oxidative stress. *Proceedings of the National Academy of Sciences of the United States of America* , **2005**, 102, 5215-20	11.5	581
57	Differential roles of nuclear and cytoplasmic cyclin-dependent kinase 5 in apoptotic and excitotoxic neuronal death. *Journal of Neuroscience*, **2005**, 25, 8954-66	6.6	115
56	Cyclin-dependent kinase 5 mediates neurotoxin-induced degradation of the transcription factor myocyte enhancer factor 2. *Journal of Neuroscience*, **2005**, 25, 4823-34	6.6	101
55	Apoptosis-inducing factor is a key factor in neuronal cell death propagated by BAX-dependent and BAX-independent mechanisms. *Journal of Neuroscience*, **2005**, 25, 1324-34	6.6	158
54	c-Jun N-terminal kinase 3 deficiency protects neurons from axotomy-induced death in vivo through mechanisms independent of c-Jun phosphorylation. *Journal of Biological Chemistry*, **2005**, 280, 1132-41	5.4	34
53	p107 regulates neural precursor cells in the mammalian brain. *Journal of Cell Biology*, **2004**, 166, 853-63	7.3	85
52	Emerging Pathogenic Role for Cyclin Dependent Kinases in Neurodegeneration. *Cell Cycle*, **2004**, 3, 287-289	4.7	22
51	Nuclear factor-(kappa)B modulates the p53 response in neurons exposed to DNA damage. *Journal of Neuroscience*, **2004**, 24, 2963-73	6.6	102
50	p53 activation domain 1 is essential for PUMA upregulation and p53-mediated neuronal cell death. *Journal of Neuroscience*, **2004**, 24, 10003-12	6.6	78
49	The proapoptotic gene SIVA is a direct transcriptional target for the tumor suppressors p53 and E2F1. *Journal of Biological Chemistry*, **2004**, 279, 28706-14	5.4	67
48	Regulation of dopaminergic loss by Fas in a 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine model of Parkinson's disease. *Journal of Neuroscience*, **2004**, 24, 2045-53	6.6	108
47	Comparison of rectilinear biphasic waveform energy versus truncated exponential biphasic waveform energy for transthoracic cardioversion of atrial fibrillation. *American Journal of Cardiology*, **2004**, 94, 1438-40	3	16
46	BAG5 inhibits parkin and enhances dopaminergic neuron degeneration. *Neuron*, **2004**, 44, 931-45	13.9	166
45	CDKs: taking on a role as mediators of dopaminergic loss in Parkinson's disease. *Trends in Molecular Medicine*, **2004**, 10, 445-51	11.5	35

44	Emerging pathogenic role for cyclin dependent kinases in neurodegeneration. *Cell Cycle*, **2004**, 3, 289-91	4.7	8
43	Ataxia telangiectasia-mutated protein can regulate p53 and neuronal death independent of Chk2 in response to DNA damage. *Journal of Biological Chemistry*, **2003**, 278, 37782-9	5.4	40
42	Inhibition of calpains prevents neuronal and behavioral deficits in an MPTP mouse model of Parkinson's disease. *Journal of Neuroscience*, **2003**, 23, 4081-91	6.6	246
41	Cyclin-dependent kinase activity is required for apoptotic death but not inclusion formation in cortical neurons after proteasomal inhibition. *Journal of Neuroscience*, **2003**, 23, 1237-45	6.6	99
40	Cyclin-dependent kinase 5 is a mediator of dopaminergic neuron loss in a mouse model of Parkinson's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 13650-5	11.5	260
39	Calpains mediate p53 activation and neuronal death evoked by DNA damage. *Journal of Biological Chemistry*, **2003**, 278, 26031-8	5.4	70
38	Constitutive nuclear factor-kappa B activity is required for central neuron survival. *Journal of Neuroscience*, **2002**, 22, 8466-75	6.6	273
37	Cyclin-dependent kinases as potential targets to improve stroke outcome **2002**, 93, 135-43		38
36	Inhibition of cyclin-dependent kinases improves CA1 neuronal survival and behavioral performance after global ischemia in the rat. *Journal of Cerebral Blood Flow and Metabolism*, **2002**, 22, 171-82	7.3	96
35	Telencephalon-specific Rb knockouts reveal enhanced neurogenesis, survival and abnormal cortical development. *EMBO Journal*, **2002**, 21, 3337-46	13	128
34	Activation of the Rb/E2F1 pathway by the nonproliferative p38 MAPK during Fas (APO1/CD95)-mediated neuronal apoptosis. *Journal of Biological Chemistry*, **2002**, 277, 48764-70	5.4	58
33	Interaction of the c-Jun/JNK pathway and cyclin-dependent kinases in death of embryonic cortical neurons evoked by DNA damage. *Journal of Biological Chemistry*, **2002**, 277, 35586-96	5.4	36
32	Apoptosis-inducing factor is involved in the regulation of caspase-independent neuronal cell death. *Journal of Cell Biology*, **2002**, 158, 507-17	7.3	405
31	NAIP protects the nigrostriatal dopamine pathway in an intrastriatal 6-OHDA rat model of Parkinson's disease. *European Journal of Neuroscience*, **2001**, 14, 391-400	3.5	63
30	c-Jun mediates axotomy-induced dopamine neuron death in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 13385-90	11.5	83
29	APAF1 is a key transcriptional target for p53 in the regulation of neuronal cell death. *Journal of Cell Biology*, **2001**, 155, 207-16	7.3	166
28	Cyclin-dependent kinases and stroke. *Expert Opinion on Therapeutic Targets*, **2001**, 5, 557-567	6.4	9
27	Cyclin-dependent kinases and P53 pathways are activated independently and mediate Bax activation in neurons after DNA damage. *Journal of Neuroscience*, **2001**, 21, 5017-26	6.6	95

26	Caspase 3 deficiency rescues peripheral nervous system defect in retinoblastoma nullizygous mice. *Journal of Neuroscience*, **2001**, 21, 7089-98	6.6	31
25	Helper-dependent adenovirus vectors: their use as a gene delivery system to neurons. *Gene Therapy*, **2000**, 7, 1200-9	4	38
24	Involvement of retinoblastoma family members and E2F/DP complexes in the death of neurons evoked by DNA damage. *Journal of Neuroscience*, **2000**, 20, 3104-14	6.6	141
23	E2F1 mediates death of B-amyloid-treated cortical neurons in a manner independent of p53 and dependent on Bax and caspase 3. *Journal of Biological Chemistry*, **2000**, 275, 11553-60	5.4	168
22	Cyclin-dependent kinases as a therapeutic target for stroke. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 10254-9	11.5	233
21	Induction and modulation of cerebellar granule neuron death by E2F-1. *Journal of Biological Chemistry*, **2000**, 275, 25358-64	5.4	120
20	The Rb-CDK4/6 signaling pathway is critical in neural precursor cell cycle regulation. *Journal of Biological Chemistry*, **2000**, 275, 33593-600	5.4	63
19	Involvement of caspase 3 in apoptotic death of cortical neurons evoked by DNA damage. *Molecular and Cellular Neurosciences*, **2000**, 15, 368-79	4.8	79
18	Cell cycle regulators in neuronal death evoked by excitotoxic stress: implications for neurodegeneration and its treatment. *Neurobiology of Aging*, **2000**, 21, 771-81	5.6	131
17	Bax-dependent caspase-3 activation is a key determinant in p53-induced apoptosis in neurons. *Journal of Neuroscience*, **1999**, 19, 7860-9	6.6	325
16	Caspase-dependent and -independent death of camptothecin-treated embryonic cortical neurons. *Journal of Neuroscience*, **1999**, 19, 6235-47	6.6	190
15	Role of cell cycle regulatory proteins in cerebellar granule neuron apoptosis. *Journal of Neuroscience*, **1999**, 19, 8747-56	6.6	221
14	Involvement of cell cycle elements, cyclin-dependent kinases, pRb, and E2F x DP, in B-amyloid-induced neuronal death. *Journal of Biological Chemistry*, **1999**, 274, 19011-6	5.4	190
13	Cyclin-dependent kinases participate in death of neurons evoked by DNA-damaging agents. *Journal of Cell Biology*, **1998**, 143, 457-67	7.3	235
12	Multiple pathways of neuronal death induced by DNA-damaging agents, NGF deprivation, and oxidative stress. *Journal of Neuroscience*, **1998**, 18, 830-40	6.6	219
11	Cyclin dependent kinase inhibitors and dominant negative cyclin dependent kinase 4 and 6 promote survival of NGF-deprived sympathetic neurons. *Journal of Neuroscience*, **1997**, 17, 8975-83	6.6	249
10	G1/S cell cycle blockers and inhibitors of cyclin-dependent kinases suppress camptothecin-induced neuronal apoptosis. *Journal of Neuroscience*, **1997**, 17, 1256-70	6.6	242
9	Ordering the multiple pathways of apoptosis. *Trends in Cardiovascular Medicine*, **1997**, 7, 294-301	6.9	14

8	Induction of CPP32-like activity in PC12 cells by withdrawal of trophic support. Dissociation from apoptosis. *Journal of Biological Chemistry*, **1996**, 271, 30663-71	5.4	120
7	A novel arylsulfatase A protein variant and genotype in two patients with major depression. *Journal of Affective Disorders*, **1996**, 40, 137-47	6.6	8
6	Arylsulfatase A: relationship of genotype to variant electrophoretic properties. *Biochemical Genetics*, **1996**, 34, 149-61	2.4	1
5	Association of alcoholism with the N-glycosylation polymorphism of pseudodeficient human arylsulfatase A. *Alcoholism: Clinical and Experimental Research*, **1996**, 20, 228-33	3.7	17
4	Structural characterization of variant forms of arylsulfatase A that associate with alcoholism. *Alcoholism: Clinical and Experimental Research*, **1996**, 20, 234-9	3.7	5
3	Inhibitors of cyclin-dependent kinases promote survival of post-mitotic neuronally differentiated PC12 cells and sympathetic neurons. *Journal of Biological Chemistry*, **1996**, 271, 8161-9	5.4	201
2	Ordering the cell death pathway. Differential effects of BCL2, an interleukin-1-converting enzyme family protease inhibitor, and other survival agents on JNK activation in serum/nerve growth factor-deprived PC12 cells. *Journal of Biological Chemistry*, **1996**, 271, 21898-905	5.4	186
1	The Ontario Neurodegenerative Disease Research Initiative		6